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CONTROL SYSTEM ONLY

~~TOP SECRET RUM~~

Declass Review by NIMA/DOD

TCS 2195/65
M/EB 78/65
12 March 1965
Copy _____

MEMORANDUM FOR: Chief, Ballistic Missiles and Space Division, OSI
ATTENTION: [REDACTED] Technical Support Branch
THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS
FROM: Chief, Photographic Intelligence Division, CIA
SUBJECT: Construction Status of Support Facilities at Complex J,
Tyuratam Missile Test Center
REFERENCE: (a) Requirement C-815-82,293
(b) CIA/FID Project 30308-5
(c) Memorandum, M/EB 5/65 (TCS 1083/65)

25X1A

1. This memorandum is in response to your requirement dated 17 February, 1965 which requests computation of construction footage at Complex J, Tyuratam Missile Test Center as seen on KEYHOLE [REDACTED]. These computations are an updating of a previous project which gave the progress of construction at Complex J from its onset through [REDACTED] and was forwarded to your office in the memorandum referenced above.

25X1D

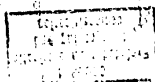
25X1D

2. Since completion of the earlier project an arithmetic error in the computations has come to light. This involved the square footage of the apartments being constructed in Area 18 as portrayed in the attachments to Reference c above. This same error was also reflected in the total footage figures given for [REDACTED]. Corrected figures for each of the coverages involved are found in the attachments.

25X1D

3. During the 60 days between the coverages of [REDACTED] construction continued at a steady pace at Complex J. The high bay section of the large assembly and checkout building is being roofed and the rail has been extended from a point near this building towards the large excavation. Another rail spur has been constructed in the support facility and a 170-foot square building is under construction nearby. A total of 14 buildings were started since the last coverage and 17 buildings were completed. A complete updating of all facilities at Complex J is included as attachments. The acetate overlay included with the initial memorandum on this subject should again be used to locate sub areas in the complex.

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SUBJECT: Construction Status of Support Facilities at
Complex J, Tyuratam Missile Test Center

TCS 2195/65
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4. The photo analyst on this project is [REDACTED] who may be contacted on extension 3623 should you have any further questions concerning this project.

5. This project is considered to be complete.

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[REDACTED]

Enclosures:

Tables of Construction Status - 10 pages
(CIA/PID/MEB-P-109/65)

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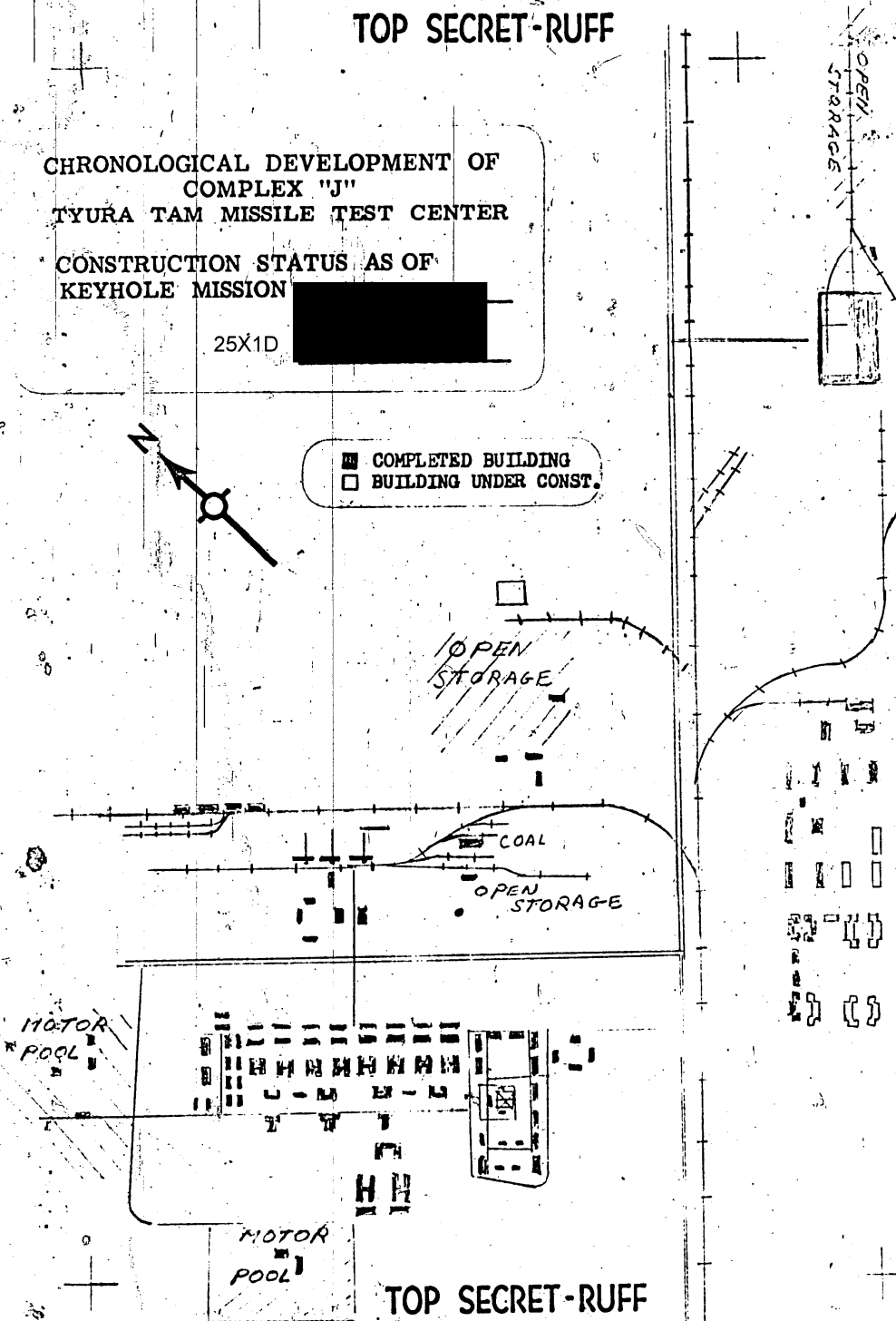
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TOP SECRET-RUFF

CHRONOLOGICAL DEVELOPMENT OF
COMPLEX "J"
TYURA TAM MISSILE TEST CENTER
CONSTRUCTION STATUS AS OF
KEYHOLE MISSION

25X1D

■ COMPLETED BUILDING
□ BUILDING UNDER CONST.



TOP SECRET-RUFF

CIA/PID/MEB-P-109/65
Attachment to:
TCS 2195/65
M/EB 78/65

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TOP SECRET RUFF

CONSTRUCTION STATUS AT COMPLEX "J"

TYURA TAM MISSILE TEST CENTER

25X1D

4. ESTIMATED SQUARE FEET OF FLOOR SPACE STARTED SINCE
LAST USABLE COVERAGE:

163,925

5. ESTIMATED SQUARE FEET OF FLOOR SPACE COMPLETED
SINCE LAST USABLE COVERAGE:

199,725

6. TOTAL SQUARE FEET OF FLOOR SPACE COMPLETED:

1,243,650

7. TOTAL SQUARE FEET OF FLOOR SPACE UNDER CONSTRUCTION:

868,900

8. TOTAL SQUARE FEET OF FLOOR SPACE COMPLETE AND
UNDER CONSTRUCTION:

2,112,550

SEE ATTACHED SHEETS FOR BREAKDOWN OF CONSTRUCTION
PROGRESS BY BUILDING TYPE.

TOP SECRET RUFF

CIA/PID/MEB-P-109/65
Attachment to:
TCS 2195/65
M/EB 78/65

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TOP SECRET RUFF

CONSTRUCTION STATUS AT COMPLEX "J"

TYURA TAM MISSILE TEST CENTER

25X1D

4. ESTIMATED SQUARE FEET OF FLOOR SPACE STARTED SINCE
LAST USABLE COVERAGE:

185,150

5. ESTIMATED SQUARE FEET OF FLOOR SPACE COMPLETED
SINCE LAST USABLE COVERAGE:

72,000

6. TOTAL SQUARE FEET OF FLOOR SPACE COMPLETED:

920,975

7. TOTAL SQUARE FEET OF FLOOR SPACE UNDER CONSTRUCTION:

899,850

8. TOTAL SQUARE FEET OF FLOOR SPACE COMPLETE AND
UNDER CONSTRUCTION:

1,820,825

SEE ATTACHED SHEETS FOR BREAKDOWN OF CONSTRUCTION
PROGRESS BY BUILDING TYPE.

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CIA/PID/MEB-P-109/65
Attachment to:
TCS 2195/65
M/EB 78/65

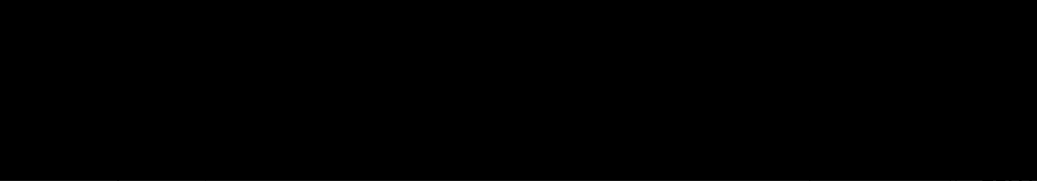
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TOP SECRET RUFF

CONSTRUCTION STATUS AT COMPLEX "J"

TYURA TAM MISSILE TEST CENTER

25X1D



4. ESTIMATED SQUARE FEET OF FLOOR SPACE STARTED SINCE
LAST USABLE COVERAGE:

122,350

5. ESTIMATED SQUARE FEET OF FLOOR SPACE COMPLETED
SINCE LAST USABLE COVERAGE:

117,500

6. TOTAL SQUARE FEET OF FLOOR SPACE COMPLETED:

1,038,475

7. TOTAL SQUARE FEET OF FLOOR SPACE UNDER CONSTRUCTION:

904,700

8. TOTAL SQUARE FEET OF FLOOR SPACE COMPLETE AND
UNDER CONSTRUCTION:

1,943,175

SEE ATTACHED SHEETS FOR BREAKDOWN OF CONSTRUCTION
PROGRESS BY BUILDING TYPE.

TOP SECRET RUFF

CIA/PID/MEB-P-109/65

Attachment to:

TCS 2195/65

M/EB 78/65

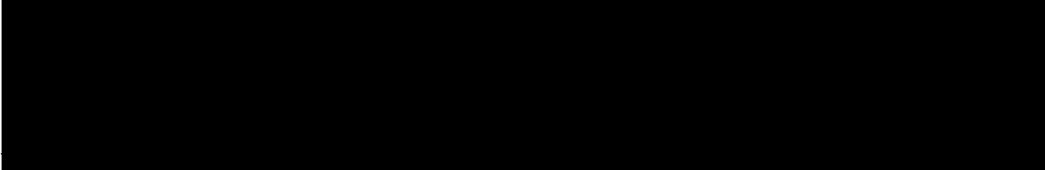
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TOP SECRET RUFF

CONSTRUCTION STATUS AT COMPLEX "J"

TYURA TAM MISSILE TEST CENTER

25X1D



4. ESTIMATED SQUARE FEET OF FLOOR SPACE STARTED SINCE
LAST USABLE COVERAGE:

18,700

5. ESTIMATED SQUARE FEET OF FLOOR SPACE COMPLETED
SINCE LAST USABLE COVERAGE:

6. TOTAL SQUARE FEET OF FLOOR SPACE COMPLETED:

848,975

7. TOTAL SQUARE FEET OF FLOOR SPACE UNDER CONSTRUCTION:

786,700

8. TOTAL SQUARE FEET OF FLOOR SPACE COMPLETE AND
UNDER CONSTRUCTION:

1,635,675

SEE ATTACHED SHEETS FOR BREAKDOWN OF CONSTRUCTION
PROGRESS BY BUILDING TYPE.

TOP SECRET RUFF

CIA/PID/MEB-P-109/65

Attachment to:

TCS 2195/65

M/EB 78/65

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TOP SECRET RUFF

CONSTRUCTION STATUS AT COMPLEX "J"

25X1D

TYURA TAM MISSILE TEST CENTER

4. ESTIMATED SQUARE FEET OF FLOOR SPACE STARTED SINCE
LAST USABLE COVERAGE:

168,475

5. ESTIMATED SQUARE FEET OF FLOOR SPACE COMPLETED
SINCE LAST USABLE COVERAGE:

88,025

6. TOTAL SQUARE FEET OF FLOOR SPACE COMPLETED:

848,975

7. TOTAL SQUARE FEET OF FLOOR SPACE UNDER CONSTRUCTION:

685,200

8. TOTAL SQUARE FEET OF FLOOR SPACE COMPLETE AND
UNDER CONSTRUCTION:

1,534,175

SEE ATTACHED SHEETS FOR BREAKDOWN OF CONSTRUCTION
PROGRESS BY BUILDING TYPE.

TOP SECRET RUFF

CIA/PID/MEB-P-109/65

Attachment to:

TCS 2195/65

M/EB 78/65

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TOP SECRET RUFF

CONSTRUCTION STATUS AT COMPLEX "J"

TYURA TAM MISSILE TEST CENTER

25X1D

4. ESTIMATED SQUARE FEET OF FLOOR SPACE STARTED SINCE
LAST USABLE COVERAGE:

210,125

5. ESTIMATED SQUARE FEET OF FLOOR SPACE COMPLETED
SINCE LAST USABLE COVERAGE:

297,225

6. TOTAL SQUARE FEET OF FLOOR SPACE COMPLETED:

760,950

7. TOTAL SQUARE FEET OF FLOOR SPACE UNDER CONSTRUCTION:

593,200

8. TOTAL SQUARE FEET OF FLOOR SPACE COMPLETE AND
UNDER CONSTRUCTION:

1,354,150

SEE ATTACHED SHEETS FOR BREAKDOWN OF CONSTRUCTION
PROGRAM BY BUILDING TYPE.

TOP SECRET RUFF

CIA/PID/MEB-P-109/65

Attachment to:

TCS 2195/65

M/EB 78/65

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TOP SECRET RUFF

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CIA/PID/MEB-P-109/65
Attachment to:
TCS 2195/65 M/EB 78/85

BUILDING CONSTRUCTION STATUS: COMPLEX I. TYRA BACHMENSEE TEST CENTER.

AREA NUMBER	DESCRIPTION OF BUILDING	SQ. FT./ BUILDING	EXISTING BLDG. SINCE LAST SABLE COV.	BLDG. COMP. SINCE LAST SABLE COV.	TOTAL BLDG. U/C	TOTAL SQ. FT. /C	TOTAL BLDG. COMPLETED	TOTAL SQ. FT. COMP.	TOTAL U/C	TOTAL COMP.
1.	Rectangular, flat roofed, storage or shop type. 75 X 170 Ft.	12,750					2	25,500	2	25,500
2.	Rectangular, barracks type, single story 115 X 30 Ft.	3450					12	41,400	12	41,400
3.	Rectangular, barracks type, single story 130 X 45 Ft.	5850					16	93,600	16	93,600
4.	"H" shaped probable housing type, single story, 2 long wings 50 X 140 Ft., 1 connecting wing 50 X 60 Ft.	17,000					8	136,000	8	136,000
5.	"U" shaped, single story with base 160 X 40 Ft. and 2 wings 75 X 40 Ft.	12,400					4	49,600	4	49,600
	Rectangular, single story, 130 X 40 Ft.	5200					2	10,400	2	10,400
6.	"T" shaped probable mess hall	11,250	2	2			3	33,750	3	33,750
	"U" shaped building; single story with base 160 X 50 Ft. and 2 wings 75 X 40 Ft.	12,400	1	1			1	12,400	1	12,400
7.	Rectangular, barracks type, single story. 150 X 50 Ft.	7500	2	2			13	97,500	13	97,500
	single story building 55 X 55 Ft.	3025	3	3			4	12,100	4	12,100
	single story building 35 X 35 Ft.	1225					2	2450	2	2450

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TOP SECRET RUFF

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UNITED STATES SPACE COMPLEX AT TYRANNA MISSILE TEST CENTER.

KH MISSILE

AREA NUMBER	DESCRIPTION OF BUILDING	SQ. FT./ BUILDING	BEG. START SINCE LAST SABLE COV.	BEG. COMP. SINCE LAST SABLE COV.	TOTAL BLDG A/C	TOTAL SQ. FT. /C	TOTAL BLDG. COMPLETED	TOTAL SQ. FT. COMP.	TOTAL BLDG. COMPLETED	TOTAL SQ. FT. COMP.
8.	Rectangular building; 150 X 50 Ft.	7500					4	30,000	4	30,000
9.	"H" shaped single story; 2 wings 40 X 220 and connecting wing 50 X 55 Ft.	20,350					2	40,700	2	40,700
	Rectangular, Single story 180 X 50 Ft.	9,000	2	2			2	18,000	2	18,000
10.	Garage, single story. 140 X 60 Ft.	8,400					1	8,400	1	8,400
	single story building 100 X 30	3,000					1	3,000	1	3,000
11.	Garage, single story. 70 X 85 Ft.	5,950					3	17,850	3	17,850
	25X1D	3,825					1	3,825	1	3,825
	Shed. 45 X 145 Ft.	6,525					1	6,525	1	6,525
12.	Storage/shop type, single story 40 X 120 Ft.	4,800					4	19,200	4	19,200
	Rectangular Building, Single story 45 X 125 Ft.	5,625	2	2			2	11,250	2	11,250
13.	3 batch plants and 3 sets of storage silos each set of silos is 220 Ft. long and 60 Ft. high.									
14.	Storage sheds, single story, rail served.									
	155 X 70 Ft.	10,850					1	10,850	1	10,850
	155 X 90 Ft.	13,950					1	13,950	1	13,950
	210 X 55 Ft.	11,550					1	11,550	1	11,550
	155 X 60 Ft.	9,300					1	9,300	1	9,300
15.	Cylindrical water tower 65 feet high, 30 feet in diameter.									

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CIA/PID/MEB-P-109/65
Attachment to:
TCS 2195/65 M/EB 78/65

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AREA NUMBER	DESCRIPTION OF BUILDING	SQ. FT./ BUILDING	PLANT/STAGE SINCE LAST VISIBLE COV.	BUDG. COMP. SINCE LAST VISIBLE COV.	TOTAL BUDG. \$/C	TOTAL CO. \$/C	TOTAL BUDG. COMPLETED	TOTAL CO. COMP.	TOTAL BUDG. \$/C	TOTAL CO. \$/C
16.	Steam/power plant, 195 X 70 Ft. with 100 Ft. stack; rail served	13,650					1	13,650	1	13,650
17.	Storage shed, single story; 55 X 115 Ft. Building 170 Ft. square, area rail served	6,325 28,900	1		1	28,900	4	25,300	4	25,300 28,900
18.	Multistory apartments; probably 3 floors 240 X 50 Ft. Rectangular, single story; 170 X 55 Ft.	36,000 9,350		1 2	5 1	180,000 9,350	3 2	108,000 18,700	8 3	288,000 28,050
19.	Multistory apartments; probably 3 floors; 60 X 260 Ft. Probably 2 floor buildings; 205 X 70 Ft. Rectangular, probably 2 floor 50 X 100 Ft.	46,800 28,700 10,000	1	1 1	3	140,400	5 3 2	234,000 86,100 20,000	8 3 2	374,400 86,100 20,000
20.	Warehouse type buildings 250 X 130 Ft. Warehouse type building 195 X 90 Ft. Rectangular building 90 X 140 Ft. Rectangular building 40 X 155 Ft.	32,500 17,750 12,600 6,200			1 1	32,500 17,750	1 1	12,600 6,200	1 1 1 1	32,500 17,750 12,600 6,200
21.	Assembly building; rail served; 3 bays 800 ft. long 125 ft. wide and 175 ft. high; 2 bays 800 ft. long, 100 ft wide and 100 ft. high.	460,000			1	460,000			1	460,000
						Roofing has started on the high bay section				

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